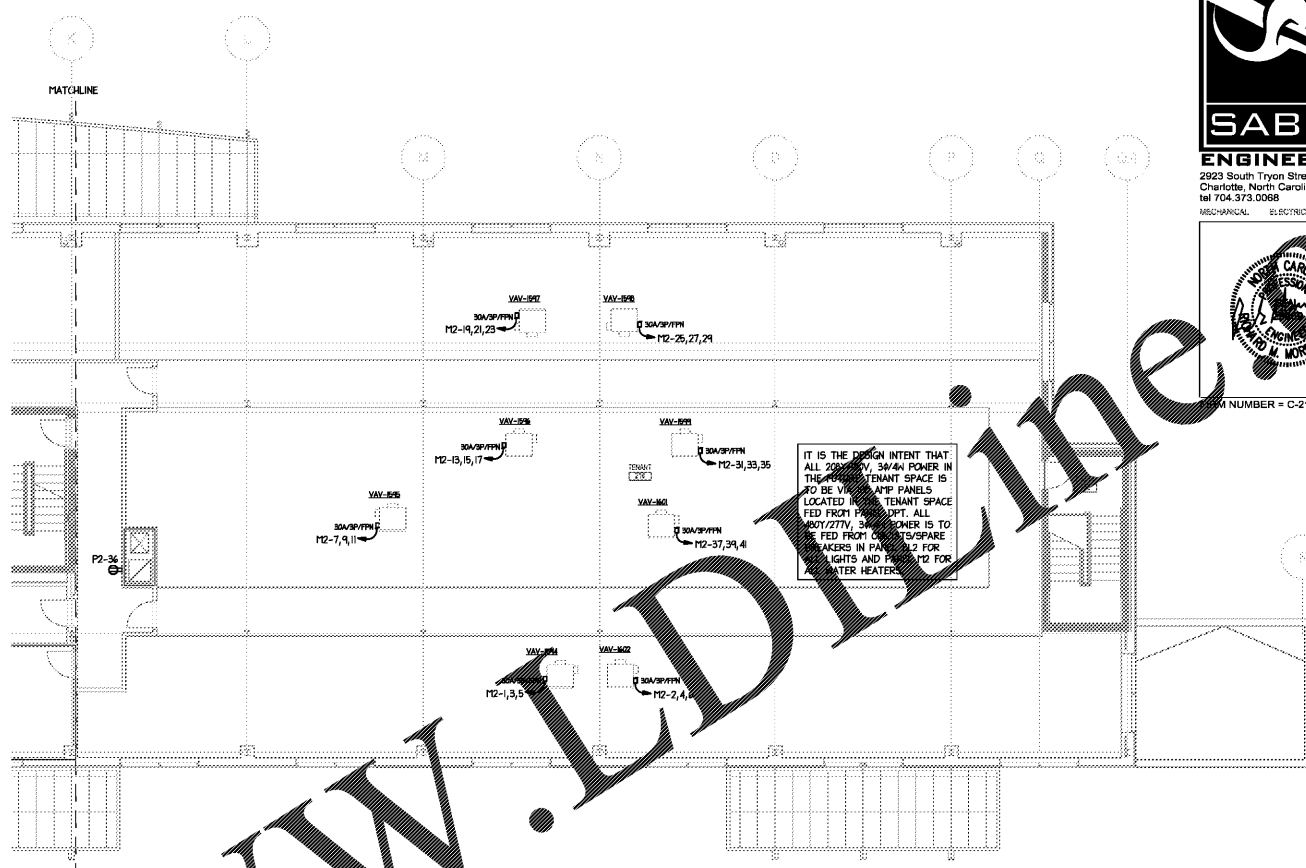


NOTES:

- 1 COORDINATE WITH M.C. TO WIRE INDOOR UNIT VIA OUTDOOR UNIT.
- 2 PROVIDE (4) J-BOXES MOUNTED VERTICALLY AT DIFFERENT HEIGHTS FOR EACH 120V PRO POWER SUPPLY. FIELD COORDINATE EXACT LOCATIONS WITH E.C./ACCESS CONTROL VENDOR.
- 3 PROVIDE RECESSED J-BOX IN WALL BEHIND PAPER TOWEL DISPENSER WITH 120V CIRCUIT FOR FUTURE RECEPTACLE. FIELD COORDINATE EXACT LOCATION WITH G.C. AND ARCHITECTURAL ELEVATIONS.
- 4 PROVIDE RECEPTACLE BELOW COUNTER FOR CONNECTION TO FAUCET POWER SUPPLY. FIELD COORDINATE EXACT LOCATION WITH P.C./G.C.
- 5 PROVIDE (2) 14-30R RECEPTACLES PER SERVER RACK. FIELD COORDINATE EXACT MOUNTING LOCATIONS WITH RACK INSTALLER, TYPICAL OF (5) SERVER RACKS. NOTE RECEPTACLES SHALL NOT BE SUPPORTED BY OR OBSTRUCT ACCESS TO LADDER RACKING.
- 6 PROVIDE RECESSED IN-WALL COMBINATION A/V, POWER, TELECOM BOX EQUAL TO LEGRAND EVOLUTION SERIES 4-GANG WALL BOX CENTERED ON WALL AT 55" AFF. PROVIDE (2) 1/2" AND (1) 3/4" CONDUITS OUT OF THE TOP OF THE WALL BOX TO THE NEAREST CABLE TRAY. PROVIDE (1) 3/4" CONDUIT FOR POWER. PROVIDE (2) 2" CONDUITS OUT OF THE BOTTOM OF THE WALL BOX TO THE NEAREST CABLE TRAY.
- 7 PROVIDE RECESSED 4-GANG FLOOR BOX WITH (2) DUPLEX RECEPTACLES, (1) TELE/DATA OUTLET, AND (1) SPARE J-BOX. PROVIDE (1) 3/4" FOR POWER, (1) 1/2" FOR TELE/DATA, AND (1) 1/2" AND (1) 2" FOR FUTURE, UNDERSLAB FROM CEILING AREA TO FLOOR BOX. NOTE THE (1) 1/2", (1) 1/2", AND (1) 2" ARE TO TERMINATE IN 6"x6"x4" J-BOX ABOVE NEAREST ACCESSIBLE CEILING. PROVIDE (1) 1/2" AND (2) 1/2" FROM J-BOX TO NEAREST CABLE TRAY. FLOOR BOX TO BE HUBBELL CFBM4 OR EQUIVALENT.
- 8 COORDINATE WITH G.C. TO PROVIDE 277V CONNECTION FOR HAND DRYER WITH DISCONNECTING MEANS ABOVE CEILING.
- 9 CIRCUIT VIA VFD PROVIDED BY MANUFACTURER. LOCATE VFD IN ELECTRICAL ROOM.
- 10 CONNECT EXHAUST FAN TO NEAREST LIGHT FIXTURE. FAN TO BE ON/OFF CONTROLLED WITH LIGHTS.
- 11 COORDINATE EXACT LAYOUT OF THIS ROOM WITH G.C. AND ALL OTHER TRADES PRIOR TO PROJECT START UP.
- 12 PROVIDE RECESSED FLOOR BOX WITH SINGLE RECEPTACLE EQUIVALENT TO STEEL CITY 444-5C SERIES.



IT IS THE DESIGN INTENT THAT ALL 200Y/20V, 3W/4H POWER IN THE FUTURE TENANT SPACE IS TO BE VIA 100 AMP PANELS LOCATED IN THE TENANT SPACE FED FROM PANEL DPT. ALL 400Y/277V, 3W/4H POWER IS TO BE FED FROM CIRCUITS/SPARE BREAKERS IN PANEL EL2 FOR ALL LIGHTS AND PANEL P2 FOR ALL WATER HEATERS.

IT IS THE DESIGN INTENT THAT ALL 200Y/20V, 3W/4H POWER IN THE FUTURE TENANT SPACE IS TO BE VIA 100 AMP PANELS LOCATED IN THE TENANT SPACE FED FROM PANEL DPT. ALL 400Y/277V, 3W/4H POWER IS TO BE FED FROM CIRCUITS/SPARE BREAKERS IN PANEL EL2 FOR ALL LIGHTS AND PANEL P2 FOR ALL WATER HEATERS.

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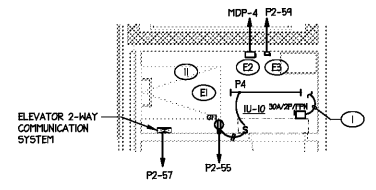
COORDINATE WITH P.E. TO PROVIDE 120V CONNECTION FOR RECIRC PUMP.

ENLARGED COM 220 ROOM IN THIS SHEET

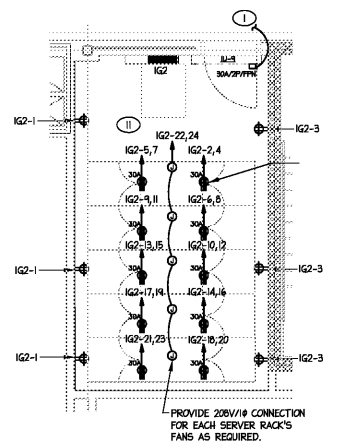
TO CLG FAN CONTROLS BELOW

ELEVATOR NOTES:

- E COORDINATE WITH ELEVATOR CONTRACTOR TO MAKE FINAL CONNECTIONS TO ELEVATOR CONTROLLERS AS REQUIRED.
- E PROVIDE 100A/3P/FPN DISCONNECT FOR ELEVATOR CONTROLLER. COORDINATE FINAL CONNECTION REQUIREMENTS WITH ELEVATOR INSTALLER.
- E PROVIDE 30A/2P/FPN DISCONNECT FOR ELEVATOR LIGHTS/CONTROL. COORDINATE FINAL CONNECTION REQUIREMENTS WITH ELEVATOR INSTALLER.



2 ENLARGED ELEVATOR EQUIPMENT ROOM  
1/4"=1'-0"



3 ENLARGED COM 220 ROOM  
1/4"=1'-0"

NOTE: BASE BID IS TO INCLUDE WORK IN COM ROOM 220 AS SHOWN ABOVE. CONTRACTOR IS TO PROVIDE ALTERNATE PRICE TO PROVIDE (3) 20A/1P CIRCUITS WITH (3) 120V, 20A THISTLOCK RECEPTACLES FOR EACH SERVER RACK, (5) TOTAL SERVER RACKS. PRICE IS TO INCLUDE DELETION OF (10) 30A/2P BREAKERS IN PANEL IG2 AND ADDITION OF (15) 20A/1P BREAKERS.

1 2ND FLOOR POWER PLANS  
1/8"=1'-0"



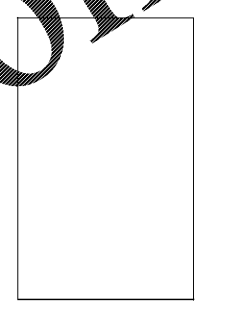
2923 South Tryon Street  
Charlotte, North Carolina  
28203  
TEL 704-373-0068



DEC 7, 2018  
PROJECT NUMBER = C-2130

WILSON AIR CENTER  
NORTH TERMINAL

ARCHITECT



THE WILSON GROUP  
P O BOX 5610  
CHARLOTTE, NC 28209  
(704) 331-9747

CIVIL ENGINEER  
TALBERT, BRIGHT & ELLINGTON  
3525 WHITEHALL PARK DRIVE, SUITE 210  
CHARLOTTE, NC 28273  
(704) 426-6070 FIRM NO. C-1163

STRUCTURAL ENGINEER  
STEWART  
101 N. TRYON ST., SUITE 1400  
CHARLOTTE, NC 28202  
(704) 909-3523 FIRM NO. C-1051

MECHANICAL, ELECTRICAL, PLUMBING & FIRE PROTECTION ENGINEER  
SABER ENGINEERING  
2923 S. TRYON ST., SUITE 280  
CHARLOTTE, NC 28203  
(704) 373-0068 FIRM NO. C-2130

LANDSCAPE ARCHITECT  
URBAN DESIGN PARTNERS  
1318-EB CENTRAL AVENUE  
CHARLOTTE, NC 28208  
(704) 334-3303 FIRM NO. C-180

COMMUNICATIONS INFRASTRUCTURE  
DB CONSULTING  
246 LOVES FARM ROAD  
BLACKSBURG, SC 29702  
(704) 497-7228 FIRM NO. C-180

REVISIONS

NO.	DESCRIPTION

DATE DECEMBER 7, 2018  
PROJECT NUMBER 9197-000

SHEET TITLE  
SECOND FLOOR POWER PLANS

SHEET NUMBER  
E-202P